



UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David G. Grier et al.  
Title: Apparatus for Using Optical Tweezers to Manipulate Materials  
Appl. No.: 10/646,432  
Filing Date: August 22, 2003  
Examiner:  
Art Unit: 2872

<p><b>CERTIFICATE OF MAILING</b> I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date below.</p> <p><u>Anna M. Hanson</u> (Printed Name)</p> <p><u>anna m. hanson</u> (Signature)</p> <p><u>12-19-03</u> (Date of Deposit)</p>
---

**PRELIMINARY AMENDMENT**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith in connection with above-referenced patent application is a Preliminary Amendment.

The amendments presented below are in compliance with the revised amendment format permitted in the Notice from the Office of Patent Legal Administration of the U.S. Patent and Trademark Office dated February 10, 2003, and published at 1267 OG 106 on February 25, 2003. Thus, the provisions of 37 CFR 1.121(a), (b), (c) and (d) are waived for amendments made in this application to the claims and specification.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this document.

**Remarks/Arguments** begin on page 5 of this document.

Please amend the application as follows: